MSOE AT THE FAIR

For most people, miniature trains and railroad tracks mean a Christmas or birthday gift for a junior member of America's many train hobbiests, but at the MSOE booth at the Wisconsin State Fair, August 18 through 26, a tiny version of a cross-country express will be used to demonstrate one of the most startling miracles of electrical science. Built by Mr. Herbert Werwath, instructor in electricity at MSOE, the small locomotive and cars will start, stop, go forward or run in reverse at the spoken command of the operator. Mr. Werwath says it is an electronically controlled relay which furnishes the impulse to control the action of the train, by converting the sound waves into motivating power.

Another feature at the School's fair booth will be the MSOE Amateur Radio Club shortwave station. The station will send "Radi-o-grams" for the public to any part of the country. The operator will send the communication to another "ham" station located near the addressee, where the message will be telephoned to the party concerned.

RADIO CLUB

After the second move in three months, the MSOE Amateur Radio Club hams are now installed in a new home in the basement of the Milwaukee Building. The establishment of the new "ham shack" has enabled clubmembers to work toward getting the School's transmitter back on the air. Students on the project are Jim INGRAM, W9HWV; Ray FULLER, W9IRJ; S. M. CANNON; W9NFG; Marvin STOGHILL, W9JRW; Bob WEBER, W900Z; Lloyd SORRENSON, WOAQT and Omer CRAFTON, W9KEN. Lex ADAMS and Roy HOOVER, both Ra/Tel I students, have been taking an inventory of parts and supplies owned by the club.

The club provided communications at the recent all-school picnic and will be active at the School's demonstration booth at the State Fair. Currently, the members are broadcasting to all parts of the United States. A number of the students are studying on the code machine for novice or Class B licenses.

1951 HOMECOMING WEEK
Exhibits - Student Rally - Election
All Fraternity Contest
October 14 through 20